

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Brilliant Fly Ash Slurry Discharge - Removal Polrep
 Initial and Final Removal Polrep

US EPA RECORDS CENTER REGION 5



467337



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

Subject: POLREP #1
 First and Final POLREP
 Brilliant Fly Ash Slurry Discharge

Brilliant, OH
Latitude: 40.2647925 Longitude: -80.6261864

To: Brian Schlieger, U.S. EPA
 Matt Mankowski, U.S. EPA
 Jason El-Zein, U.S. EPA
 Mark Durno, U.S. EPA
 Sam Borries, U.S. EPA
 Carol Ropski, U.S. EPA
 Cecilia Moore, U.S. EPA
 John Glover, U.S. EPA
 Yolanda Bouchee-Cureton, U.S. EPA
 Carolyn Bohlen, U.S. EPA
 Mark Johnson, ATSDR
 Jerry Schulte, ORSANCO
 Aaron Wolfe, Ohio EPA
 Scott Shane, Ohio EPA
 Scott Nally, Ohio EPA
 Jim Mehl, Ohio EPA
 Jodi Billman-Kotsko, Ohio EPA
 Annette Trowbridge, U.S. Fish & Wildlife
 Lindy Nelson, U.S. DOI
 Valencia Darby, U.S. DOI

From: Jon Gulch, On-Scene Coordinator

Date: 6/24/2015

Reporting Period: June 18, 2015

1. Introduction

1.1 Background

Site Number:		Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/18/2015	Start Date:	6/18/2015
Demob Date:	6/18/2015	Completion Date:	6/18/2015

CERCLIS ID:	RCRIS ID:	
ERNS No.:	State Notification:	1506-41-1275
FPN#:	Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

American Electric Power (AEP) Coal Fired Power Plant

1.1.2.1 Location

AEP, 306 County Rd 7 East Brilliant Ohio

1.1.2.2 Description of Threat

Discharge of approximately 167,000 gallons of 5% fly ash slurry water onto the ground and Block House Hollow Stream, about 2500 feet from the Ohio River.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Ohio EPA (OEPA) responded and reported the release was visible on the ground and into Block House Hollow Creek. Based on the excess flow of water in Block House Hollow due to recent rain events, the spill of fly ash slurry water did make it into the Ohio River, but was not recoverable. Initial actions by the Potentially Responsible Party (PRP), OEPA and EPA included notification to downstream water intakes and the Ohio River Valley Water Sanitation Commission (ORSANCO).

2. Current Activities**2.1 Operations Section****2.1.1 Narrative**

On Thursday, June 18, 2015 at 0914 EST, AEP reported a discharge of approximately 167,000 gallons of 5% fly ash slurry water onto the ground and Block House Hollow Stream, about 2,500 feet from the Ohio River. The source of the spill was a pipeline failure at their fly ash/water reservoir at the facility. An OEPA OSC responded to the scene and performed the initial assessment. AEP took the pipeline out of service, placed hay bales in the stream, and deployed vacuum trucks to remove puddles of fly ash slurry water from the ground. At the request of OEPA, EPA mobilized an OSC to assist in assessing the situation and to provide information to ORSANCO and downstream water intakes. EPA mobilized the Superfund Technical Assistance and Response Team (START) contractor to provide assistance in obtaining samples. The EPA Phone Duty Officer notified ORSANCO and the EPA Region 4 Duty Officer.

2.1.2 Response Actions to Date

On Thursday, June 18, 2015, at 1450 EST START arrived onsite and met with the OEPA OSC, AEP and Buckeye Power, Inc. about the current status of the release. All confirmed the report that 167,000 gallons of 5% fly ash water slurry had been released from one of AEP's fly ash slurry pipelines onto the ground and into the Block House Hollow Stream. Vacuum trucks were already onsite removing the remainder of slurry material on the ground and straw bales had been installed where the slurry had entered the stream. AEP had stopped flow in the pipeline for later servicing. START took photographs of the release point and entry point to stream. At the direction of EPA, START collected six water samples from along Block House Stream. The first sample, collected at outfall 019, a location upstream of the slurry entry point. START then collected a second sample just downstream of the furthest extent of the slurry spill into the stream. START also collected water samples where the stream flowed under the old and new portions of highway 7 and in the stream just prior to the stream's entry to the Ohio River. The samples were labeled, placed in an ice-filled cooler for preservation. START left the site and delivered the samples to the Weirton, West Virginia water treatment facility for laboratory analysis before demobilizing from the site.

On Friday, June 19, 2015, EPA, OEPA, ORCANCO, AEP, Indiana Department of the Environment, and representatives from Kentucky and West Virginia participated in an update conference call. All representatives were updated on current activities from EPA, OEPA and AEP. Several discussions occurred regarding the release and response. No follow-up calls were scheduled at this time.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

None at the time.

2.1.4 Progress Metrics

Regional Metrics		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	0
	Cubic yards of contaminated sediments removed and/or capped	0
	Gallons of oil/water recovered	75,000
	Acres of soil/sediment cleaned up in floodplains and riverbanks	0
Stand Alone Assessment	Number of contaminated residential yards cleaned up	0
	Number of workers on site	10
Contaminant(s) of Concern	Fly Ash Slurry Water	
Oil response Tracking		
Estimated volume	Initial amount released	0
	Final amount collected	0
CANAPS Info	FPN Ceiling Amount	\$0
	FPN Number	
	Body of Water affected	
Administrative and Logistical Factors (Check X where applicable)		
<input type="checkbox"/> Precedent-Setting HQ Consultations (e.g., fracking, asbestos)	<input type="checkbox"/> Community challenges or high involvement	<input type="checkbox"/> Radiological
<input type="checkbox"/> More than one PRP	<input type="checkbox"/> Endangered Species Act / Essential Fish Habitat issues	<input type="checkbox"/> Explosives
<input type="checkbox"/> AOC	<input type="checkbox"/> Historic preservation issues	<input type="checkbox"/> Residential impacts
<input type="checkbox"/> UAO	<input type="checkbox"/> NPL site	<input type="checkbox"/> Relocation
<input type="checkbox"/> DOJ involved	<input type="checkbox"/> Remote location	<input type="checkbox"/> Drinking water impacted
<input type="checkbox"/> Criminal Investigation Division involved	<input type="checkbox"/> Extreme weather or abnormal field season	<input type="checkbox"/> Environmental justice
<input type="checkbox"/> Tribal consultation or coordination or other issues	<input type="checkbox"/> Congressional involvement	<input type="checkbox"/> High media interest
<input type="checkbox"/> Statutory Exemption for \$2 Million	<input type="checkbox"/> Statutory Exemption for 1 Year	<input type="checkbox"/> Active fire present
<input type="checkbox"/> Hazmat Entry Conducted – Level A, B or C	<input type="checkbox"/> Incident or Unified Command established	<input type="checkbox"/> Actual air release (not threatened)

2.2 Planning Section

2.2.1 Anticipated Activities

None.

2.2.1.1 Planned Response Activities

None.

2.2.1.2 Next Steps

None.

2.2.2 Issues

None.

2.3 Logistics Section

None.

2.4 Finance Section

2.4.1 Narrative

On Thursday, June 18, 2015, the EPA Phone Duty Officer dispatched the START Contractor to the site and issues a TDD.

2.5 Other Command Staff

2.5.1 Safety Officer

None.

2.5.2 Liaison Officer

None.

2.5.3 Information Officer

None.

3. Participating Entities

3.1 Unified Command

None.

3.2 Cooperating Agencies

EPA

OEPA

ORSANCO

4. Personnel On Site

EPA - 1

OEPA - 1

START - 1

5. Definition of Terms

None.

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaossc.org/Brilliant_Fly_Ash

6.2 Reporting Schedule

None.

7. Situational Reference Materials

None.

